

# Anastasia Iskaliyeva

187 Cherrybrook Ln, Irvine, CA, 92618

(773) 349-0804

[a.iskaliyeva@gmail.com](mailto:a.iskaliyeva@gmail.com)

<https://anastasia1707.github.io/>

Data Science graduate student with 7+ years of experience in economic research, skilled in **Python, R, SQL, Tableau**, and passionate about applying **advanced statistics** and **machine learning** to real-world challenges

## Education

### Master of Data Science

2024 - 2025

University of California, Irvine, CA, USA

GPA 3.43

### Master of Economics

2009 - 2011

Lomonosov Moscow State University, Moscow, Russia

GPA 3.58

### Bachelor of Economics

2004 - 2008

Lomonosov Moscow State University, Moscow, Russia

GPA 3.69

## Experience

### Senior Research-Analyst at National Analytical Center

Mar 2012 - Feb 2018, Astana, Kazakhstan

- Conducted data-driven analysis to identify strategic development approaches for key industries within the Kazakhstan economy ([publication](#))
- Developed data-backed recommendations for policymakers on long-term socio-economic development, leveraging statistical and econometric models
- Applied global value chains framework to perform quantitative analysis of Kazakhstan's wheat industry, providing actionable insights for business support measures ([publication](#))

### Research-Analyst at Economic Research Institute

Jun 2010 - Mar 2012, Astana, Kazakhstan

- Conducted macroeconomic research, employing regression analysis, panel data analysis, and statistical analysis

## Projects

### Machine Learning for Predicting Piano Fingering

<https://github.com/Anastasia1707/piano-fingering>

Developed a machine learning model to predict optimal piano fingering for musical scores

### Analyzing the Impact of External Debt on Economic Growth

[https://github.com/Anastasia1707/debt\\_and\\_gdp](https://github.com/Anastasia1707/debt_and_gdp)

Developed an economic growth model based on IMF research to assess the relationship between external debt and GDP using Python, World Bank data, and ARIMAX time series modeling

## Certifications and Trainings

Certified Tableau Desktop Specialist, 2024

Database Management and SQL, IVC, 2023

Python Programming, IVC, 2019